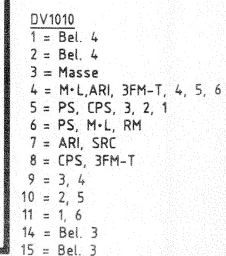
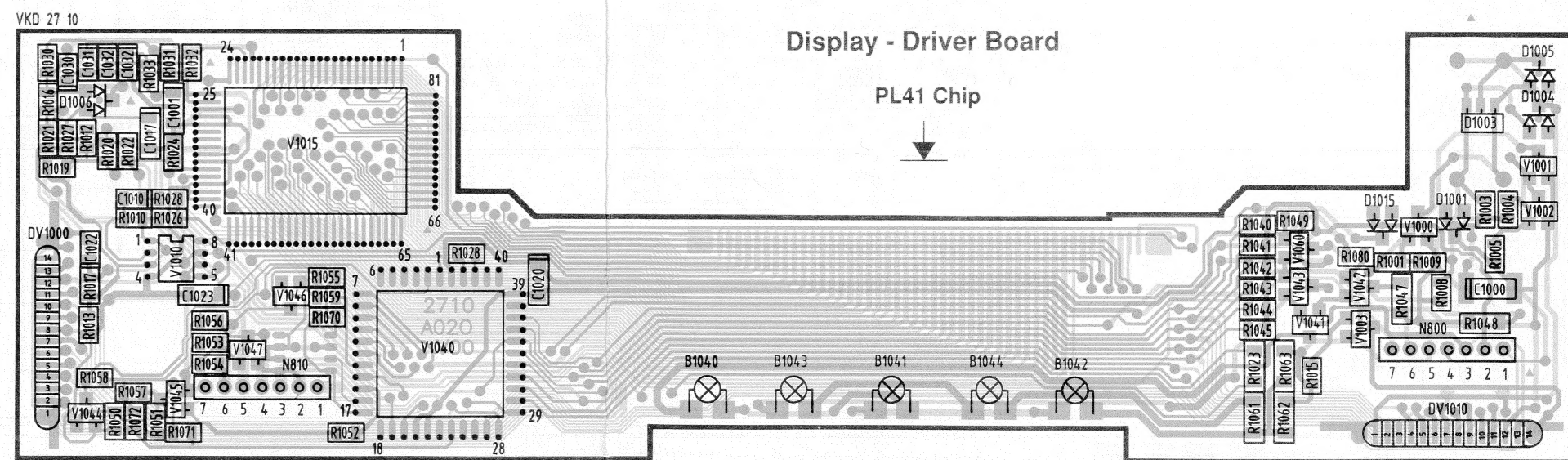
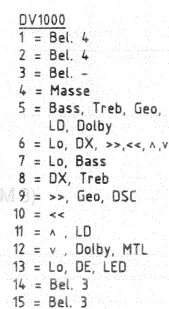
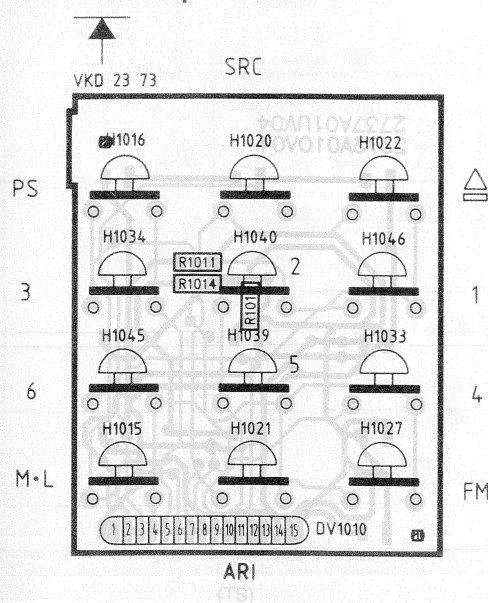
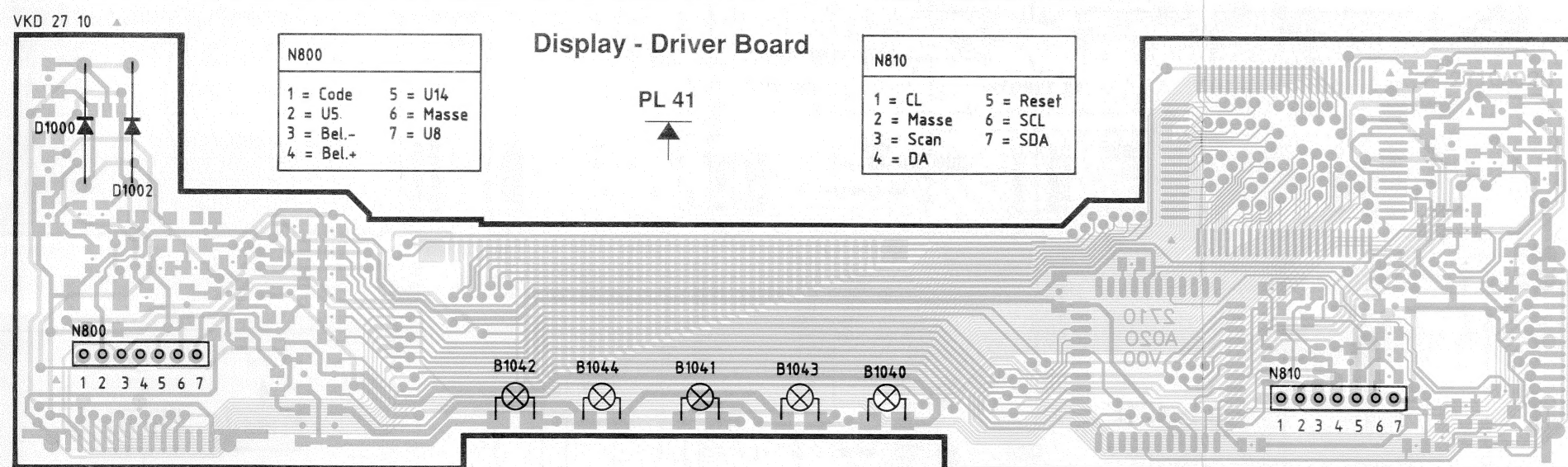
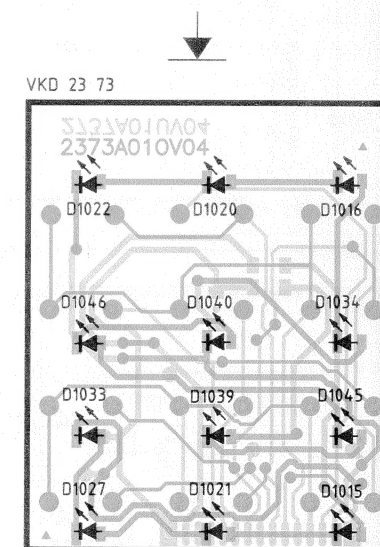
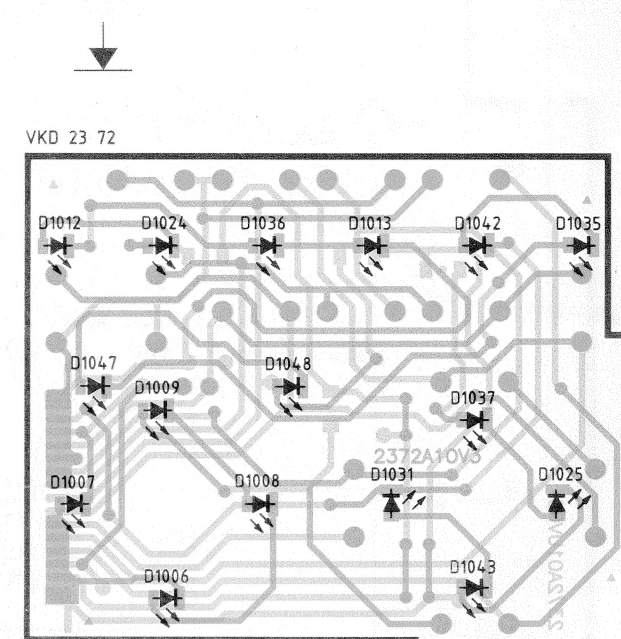
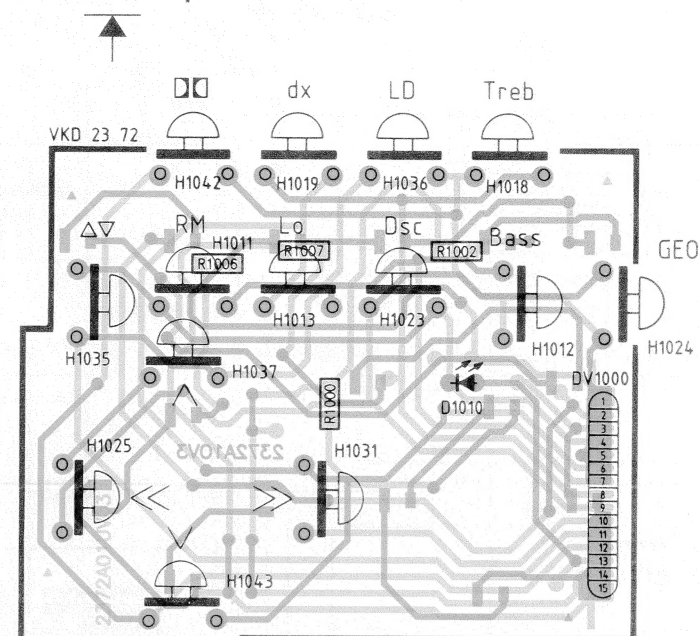


GB Supplementary documentation:
Measures for testing and repairs cassette mech.
Mini 13 E 3 D90 440 001

E Documentación suplementaria:
Medidas de ensayo y de reparación
Mini 13 E 3 D90 440 001



Main - Board

PL 20 Chip



VKD 27 12

V 430
1 = 2,3 V 5 = 2,3 V
2 = 2,3 V 6 = 2,3 V
3 = 2,3 V 7 = 2,3 V
4 = Masse 8 = 4,7 V

V 415
1 = 2,3 V 5 = 2,3 V
2 = 2,3 V 6 = 2,3 V
3 = 2,3 V 7 = 2,3 V
4 = Masse 8 = 4,7 V

V 1590
1 = 4,9 V 8 = 4,9 V
2 = 4,9 V 9 = 4,9 V
3 = 4,8 V 10 = 4,8 V
4 = 9,7 V 11 = Masse
5 = 4,8 V 12 = 4,8 V
6 = 4,9 V 13 = 4,9 V
7 = 4,9 V 14 = 4,9 V

V1500
2 = 8,5V
27+28 = 4,9V
1,4-5 = 4,2V

V3
1 = 1,1V 9 = 7,2V
2 = 1,1V 10 = 3,9V
3 = 1,7V 11 = 1,2V
4 = Masse 12 = 1,2V
5 = 4V 13 = 8,1V
6 = 1,8V 14 = 8,1V
7 = 1,2V 15 = 8,1V
8 = 1,2V 16 = 8V

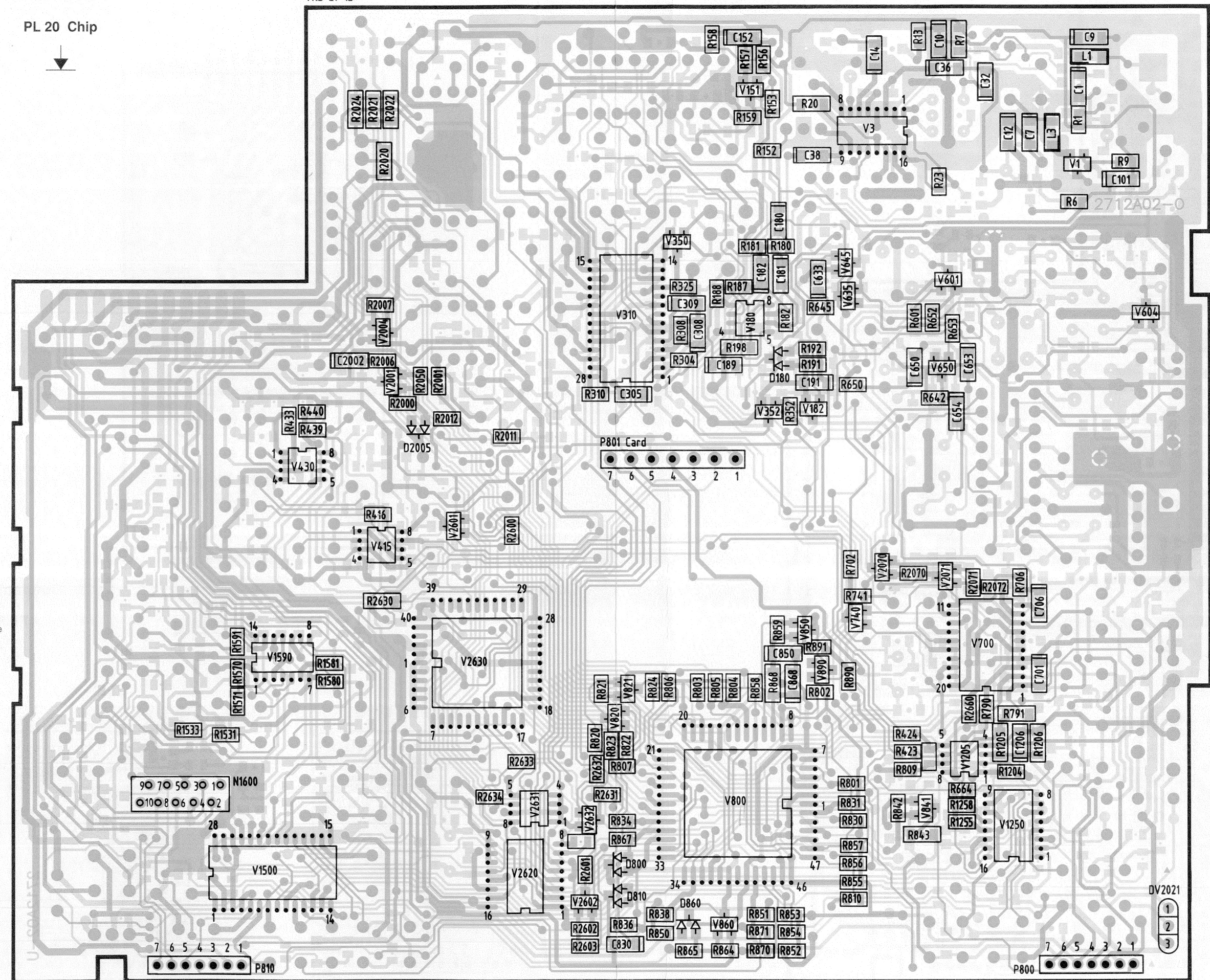
V180
1 = 4,1V
2,3,5,6,7 = 3,9V

V310
2 = 1,8V 19 = 2,4V
5 = 2,5V 20 = 2,4V
6 = 1,3V 21 = 1,4V
11 = 1,3V 22 = 2,4V
12 = 3,2V 23 = 2,4V
13 = 3,2V 24 = 2,4V
14 = 8,5V 25 = 8,5V
15 = 2,4V 26 = 8,5V
16 = 2,4V 27 = 2,4V
17 = 0,6V 28 = 2,4V
18 = Masse

V700
1 = 4,8V 10 = 2,2V
2 = 4,8V 11 = Masse
3 = 4,9V 12 = 2,3V
4 = Masse 13 = 0,6V
7 = 0,3V 18 = 2,2V
9 = 0,3V 20 = Masse

V1205
1-3,5+6 = 2,9V
4 = Masse
8 = 4,9V

V1250
2 = 8,4V 10 = 1,3V
3 = 4V 11 = 4V
4 = 3,9V 12 = 0,4V
5 = 0,5V 13 = 0,9V
6 = 4V 14 = 4V
7 = 1,3V



PL 20 Chip



PL 10



1 = LF	5 = Masse
2 = RF	6 = U14
3 = LR	7 = SDA
4 = RR	8 = SCL

PL 74



OK = H
 NF-Schaltfl
 L-IN
 R-IN
 UB
 UD
 AA
 Bel.+
 NF- L
 LR-Pream
 RR-Pream
 LF-Pream
 RF-Pream

PL 74 Chip



V660
1 = 7,9V
2 = Masse
3 = 2,2V
4 = 2,2V
5 = 2,2V
6 = 2,5V
7 = 1,2V
8 = 2,8V
9 = 1,6V
11 = 4,2V
12 = 4,2V
13 = 7,9V
14 = 4V
15 = 3,9V
16 = Masse



V2030

1	=	14V
2	=	2,5V
4	=	8V

V2000
1 = 12,5V
2 = 4,9V
4 = 2,25V
5 = Masse
6 = 5V
7 = 0,7V
8 = 5V

N1600

1 = LF
2 = RF
3 = LR
4 = RR
5 = \perp
6 = U14
7 = SDA2
8 = SCL2
9 =
10 =

P810
1 = CL
2 =
3 = SCAN
4 = DA
5 = Reset
6 = SCL2
7 = SDA2

P800
1 = Code
2 = U5
3 =
4 = Bel+
5 = U14
6 =
7 = U8

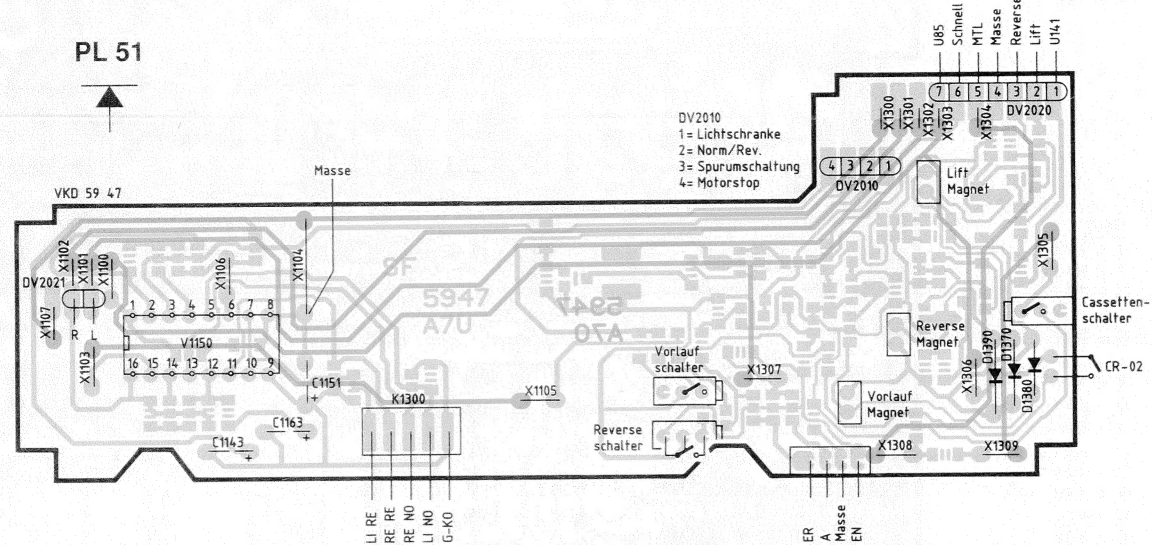
(D) LAUFWERK

(F) MECANIQUE

(GB) MECHANISME

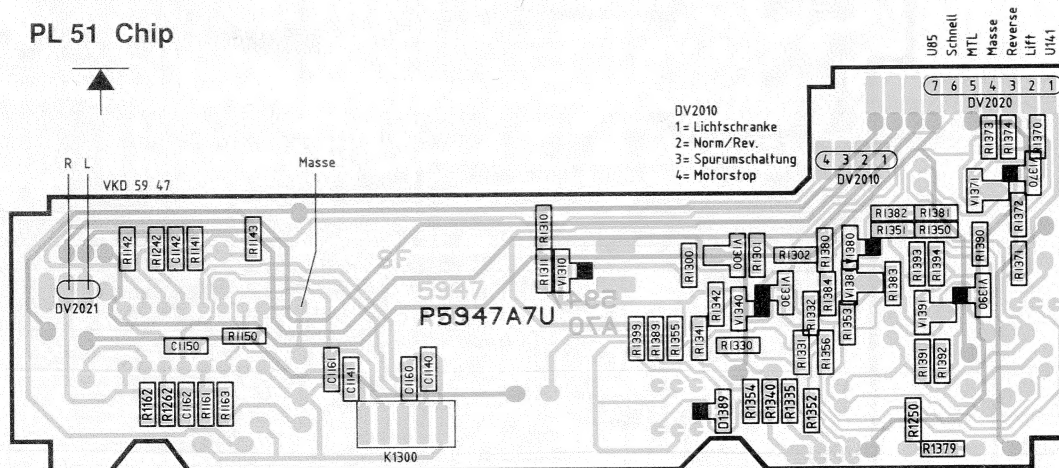
(E) MECANISMO

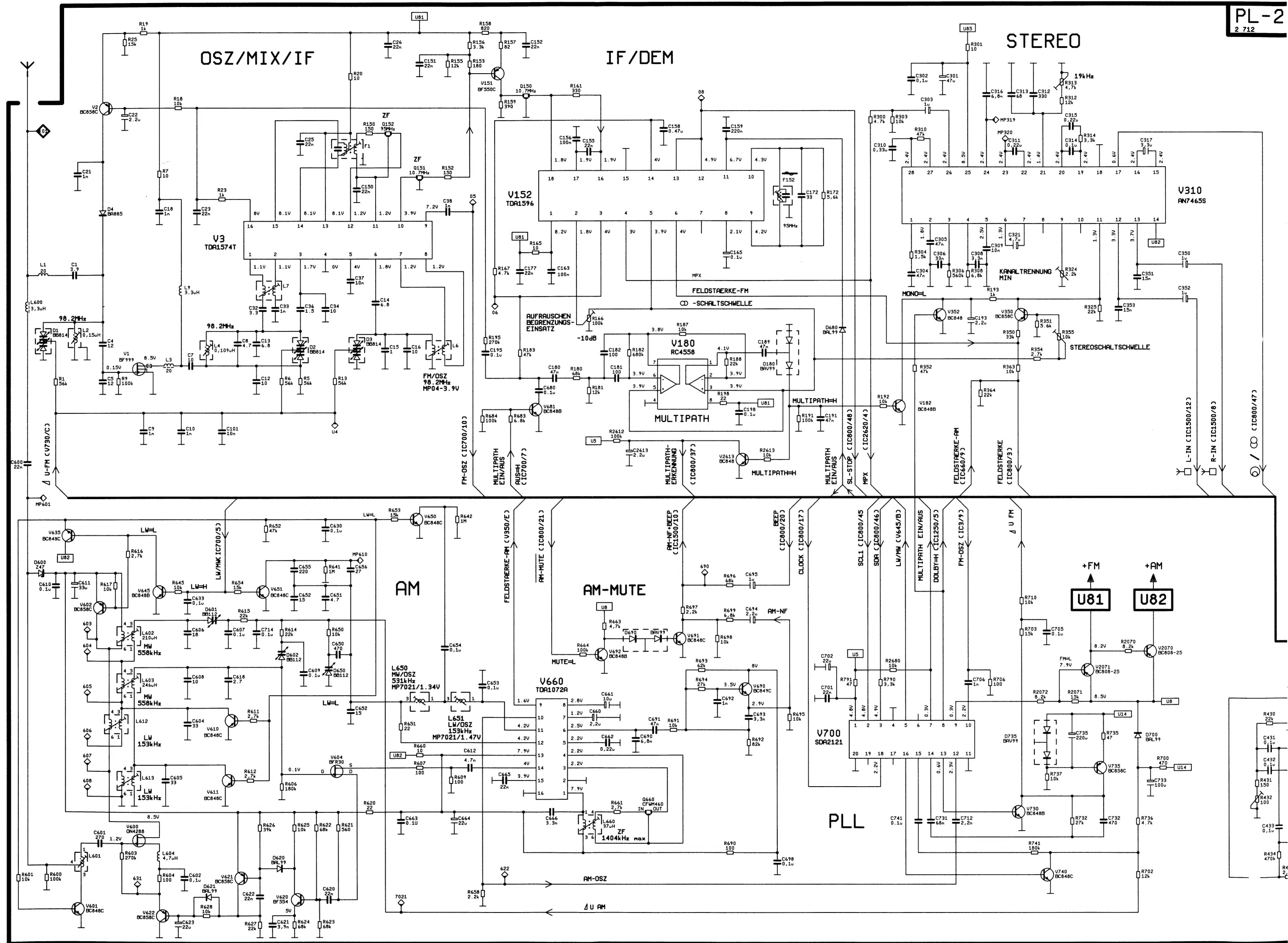
Deck - Board



Deck - Board

PL 51 Chip





DISPLAY

LCD-TREIBER

V1015
uPD7229

KEY-BOARD PROZESSOR

V1040
68HC05C8

DV1000

BEL3

CODE

SCAN6

SCAN5

SCAN4

SCAN3

SCAN2

SCAN1

STROBE2

STROBE1

BEL-

BEL4

BEL3

BEL3

SCAN6

SCAN5

SCAN4

SCAN3

SCAN2

SCAN1

STROBE4

STROBE3

BEL4

BEL4

DV1010

N/P810

CL

SCAN

DA

RESET

SCL2

SDA2

N/P800

CODE-LED

(V820/C)

BEL+ (DV2000/6)

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

U14

ARI

RDS

S800 = SCAN
S2000 = ON
R800 = VOLUME

KEY

PL-41
2 710

PL-47/1
2 372

PL-47/2
2 373

